

Trade homework with your partner and begin grading. You have 5 min.

p14 - 15 Problems 1,2,6-14 even, 15-18all

1. $3x + 2 = 17$

2. $2(4x - 11) + 9 = 19$

10. $v = 10$

15. $4(b + 3) = 24$ $b = 3$

$2(4x - 11) = 10$

6. $x = 3$ 8. $x = -2$

14. 10 ft

$-9 - 9$

12. They distributed

16. $1.15(2p + 1.5) = 11.5$

$8x - 22 = 10$

incorrectly.

17. $2580 + 2920 + x = 3000$

$8x = 32$

$-2(7 - y) + 4 = -4$

3

$x = 4$

$-14 + 2y + 4 = -4$

$x = 3500$

18. a. $x = 3.5$ degree of difficulty b. $x = 40.5$

Score = $0.6(\text{degree of difficulty})(\text{sum of the countries})$

let $x = \text{degree of difficulty}$ $7.77 = 0.6(x)(7.5 + 8.0 + 7.0 + 7.5 + 7.0)$

$7.77 = 0.6x(37)$ $x = 3.5$

Starter

Order from least to greatest.

1. $\frac{2}{3}$, $-\frac{5}{6}$, 0.5, -1.4 2. $-\frac{1}{4}$, -0.6, $\frac{2}{5}$, 0.5

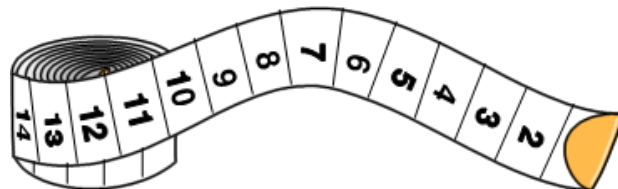
Solving Equations with Variables on Both Sides (1.3a)

Unit Title: Getting into Shape

Unit Question: Do I Measure Up?

Learner Profile: Balanced

Area of Interaction: Human Ingenuity



I Can Statement:

I can solve solve linear equations with variables on both sides.

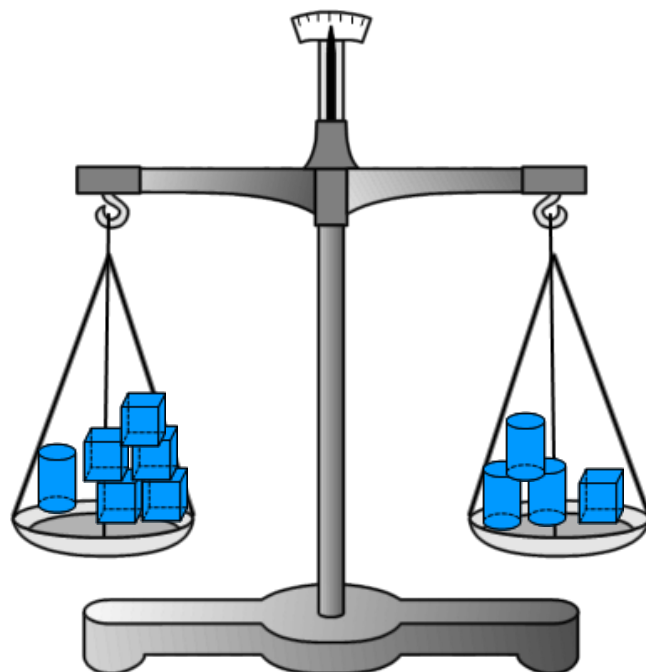


= remember

Words to Live By:

Area Perimeter

What balances with the cylinder?



How can we write an equation for the balance problem?

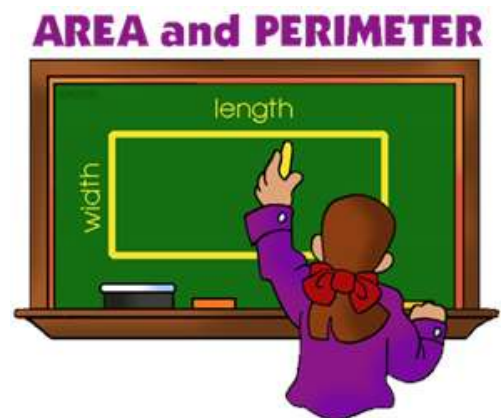
Interactive Balance Beam

http://bigideaslearning.com/protected/content/dc_cc/grade_8/chapter_1/section_3/te_scale.html

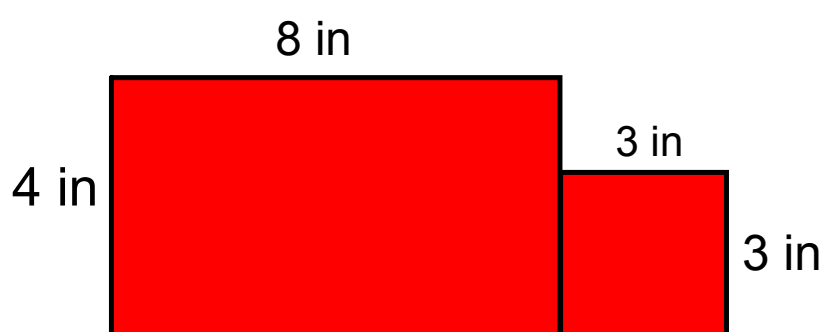
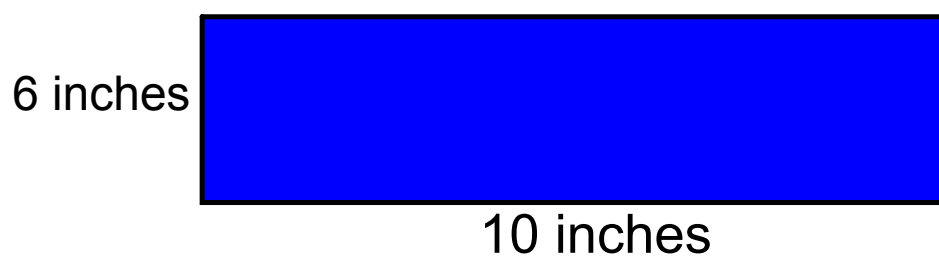


Perimeter: What is it?
How is it measured?

Area: What is it?
How is it measured?



Find the perimeter and area of the following:



Journal Pages

http://bigideaslearning.com/protected/content/dc_cc/grade_8/chapter_1/section_3/msfl8_rpj01_03.pdf

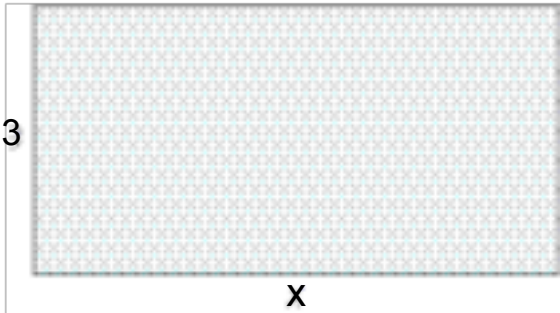


Activity 1 - Journal page 11

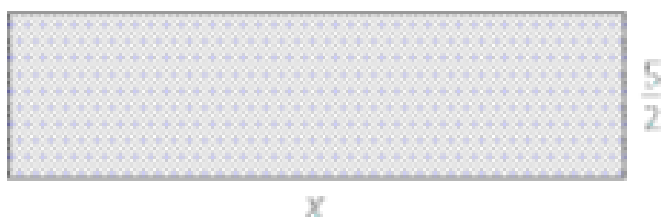
Work with a **partner**. Each figure has the unusual property that the value of its perimeter (in feet) is equal to the value of its area (in square feet).

- Write an **equation** (value of perimeter = value of area) for each figure.
- **Solve** each equation for x .
- Use the value of x to find the **perimeter** and area of each figure.
- **Check** your solution by comparing the value of the perimeter and the value of the area of each figure.

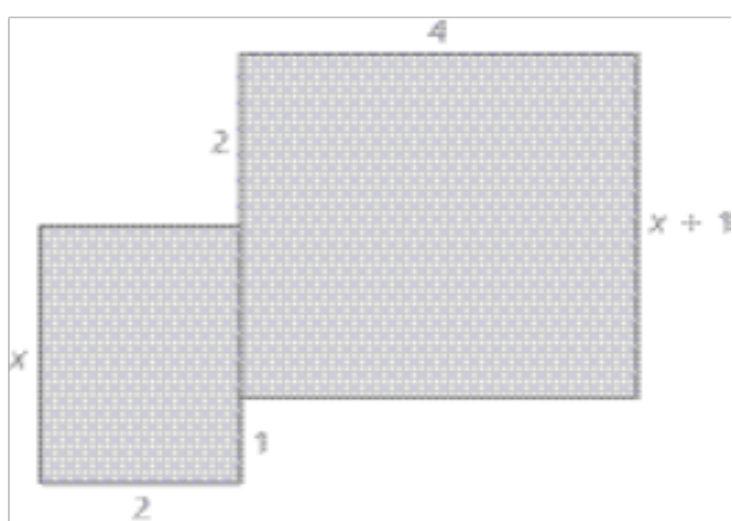
a.

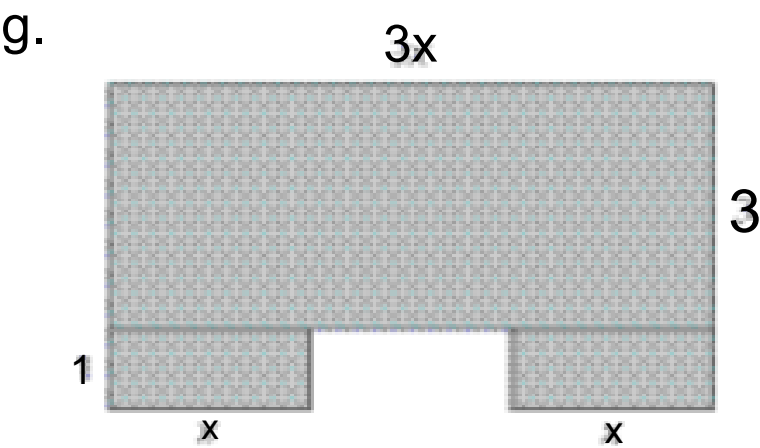


d.



f.





Homework-

Workbook Complete Activity 1 p11-12

Remember: How Do I Measure Up Poster
& Reflection Form are due Friday.